

Patent Claims

1. An Inhalation therapy device comprising:
 - a nebulising chamber (2), and
 - an aerosol generator (3), which is arranged such that it releases an aerosol (4) into the nebulising chamber (2), and which comprises a nozzle element (5),
said nozzle element (5) consisting of at least a first part (51) and a second part (52), said first part (51) of the nozzle element (5) being made of a more resilient material than said second part (52) of the nozzle element (5), and said first part (51) of the nozzle element (5) being attached to said second part (52) of the nozzle element (5).
2. An inhalation therapy device according to claim 1, characterised in that the first part (51) of the nozzle element (5) has a cross-section which tapers further than that of the second part (52) of said nozzle element (5).
3. An inhalation therapy device according to one of the preceding claims, characterised in that the first part (51) of the nozzle element (5) is made of silicone rubber or a thermoplastic elastomer (TPE).
4. An inhalation therapy device according to one of the preceding claims, characterised in that the first part (51) of the nozzle element (5) is produced together with the second part (52) of said nozzle element (5) in a two-component method and said first part (51) of the nozzle element (5) is thereby moulded on said second part (52) of the nozzle element (5).

5. An inhalation therapy device according to one of the preceding claims, characterised in that the first part (51) of the nozzle element (5) contains the nozzle outlet (55).
6. An inhalation therapy device according to one of the preceding claims 1 to 4, characterised in that the nozzle (5) has a third part (53) containing the nozzle outlet (55).
7. An inhalation therapy device according to one of the preceding claims, characterised in that the third part (53) of the nozzle element (5) has a cross-section which tapers further than that of the first part (51) of the nozzle element (5).
8. An inhalation therapy device according to one of claims 6 or 7, characterised in that the third part (53) of the nozzle element (5) is produced together with the first part (51) of the nozzle element (5) in the two-component method.
9. An inhalation therapy device according to one of claims 6 to 8, characterised in that the third part (53) of the nozzle element (5) is made of a less resilient material than the first part (51) of said nozzle element (5).
10. An inhalation therapy device comprising:
 - a nebulising chamber (2), and
 - an aerosol generator (3), which is arranged such that it releases an aerosol (4) into the nebulising chamber (2), and which comprises a nozzle element (5),said nozzle element (5) consisting of at least a first part (51), said first part (51) of the nozzle element

(5) being made of a more resilient material than a member (11) of the inhalation therapy device (1) on which the nozzle element (5) is moulded or to which the nozzle element (5) is attached.

11. An inhalation therapy device according to claim 10, characterised in that the first part (51) of the nozzle element (5) is made of silicone rubber or a thermoplastic elastomer (TPE).
12. An inhalation therapy device according to claim 10 or 11, characterised in that the first part (51) of the nozzle element (5) contains the nozzle outlet (55).